

## EAST Search History

| Ref # | Hits | Search Query  | DBs                        | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------------------------|------------------|---------|------------------|
| S1    | 0    | "6662109".pn. AND fracture                          | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 11:39 |
| S2    | 1    | "6662109".pn. AND length                            | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 11:51 |
| S3    | 7600 | HU.in.  | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 11:52 |
| S4    | 7600 | Hu.in.  | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 11:52 |
| S5    | 203  | Hu.in. AND "1998".PY.                               | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 13:31 |
| S6    | 0    | Hu.in. AND "1998".PY. AND geological                | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 13:28 |
| S7    | 37   | Hu.in. AND "1998".PY. AND model                     | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 13:28 |
| S8    | 25   | Hu.in. AND "1998".PY. AND "7"\$. CLAS.              | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 13:47 |
| S9    | 0    | "2780798".pn.                                       | FPRS                       | OR               | ON      | 2007/06/11 13:51 |
| S10   | 0    | "703".CLAS. AND (geological ADJ model)              | FPRS                       | OR               | ON      | 2007/06/11 13:53 |
| S11   | 0    | "703".CLAS. AND (geologic ADJ model)                | FPRS                       | OR               | ON      | 2007/06/11 13:52 |
| S12   | 0    | "703".CLAS. AND (geologic)                          | FPRS                       | OR               | ON      | 2007/06/11 13:52 |
| S13   | 26   | "703".CLAS. AND (geological ADJ model)              | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 14:06 |
| S14   | 8    | "703".CLAS. AND (geological ADJ model) AND fracture | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 13:53 |
| S15   | 0    | "08823107".AP.                                      | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 14:07 |
| S16   | 1    | "5982707".pn.                                       | US-PGPUB;<br>USPAT;<br>EPO | OR               | ON      | 2007/06/11 14:09 |

## EAST Search History

|     |     |  |                                      |    |     |                  |
|-----|-----|--|--------------------------------------|----|-----|------------------|
| S17 | 1   | "6014343".pn.  | US-PGPUB;<br>USPAT;<br>EPO           | OR | ON  | 2007/06/11 14:40 |
| S18 | 2   | (fine ADJ geological ADJ model)                          | US-PGPUB;<br>USPAT;<br>EPO           | OR | ON  | 2007/06/11 14:43 |
| S19 | 134 | (geological ADJ model)                                   | US-PGPUB;<br>USPAT;<br>EPO           | OR | ON  | 2007/06/11 14:43 |
| S20 | 104 | (geological ADJ model) AND<br>parameters                 | US-PGPUB;<br>USPAT;<br>EPO           | OR | ON  | 2007/06/11 14:43 |
| S21 | 24  | (geological ADJ model) AND<br>parameters AND (fractures) | US-PGPUB;<br>USPAT;<br>EPO           | OR | ON  | 2007/06/11 15:11 |
| S22 | 1   | ("6662109").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | OR | OFF | 2007/06/11 15:11 |